RULE 93 (37 C.F.R. 1.63) DEPARTION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



As a bolow named inventor. I hereby declare that my residence, post office address and oilganship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed ballow) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Fast Readout of multiple digital Bit planes for display of Greyscalos images the specification of which (check applicable box(s)): 8 la attached hereto as U.S. Application Serial No. was filed on PCT/GB99/04277 16/12/1999 an. was filed as PCT International application No. × 25/01/2001 and (if applicable to U.S. or PCT application) was amended or I hereby state that I have reviewed and understand the contents of the above identified specification, including the cigins, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I haveby digital foreign priority banefits under 35 U.S.C. 119/385 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's cartificate having a filing date before that of the application on which priority is dialmed or, if no priority is dialmed, before the filling date of this application: Priority Foreign Application(3): Day/Month/Year Filed Country Application Number 19/12/1998 GB 9827944.1 I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Date Month Your Flied Application Number I hereby claim the benefit under 35 U.S.C. 120/385 of all prior United States and PCT International applications listed above or below and, insofar as tire subject matter of gach of the dalme of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application: Status: pelented Prior U.S./PCT Application(a): pending, abandaned Devite min/Year Filed Application Serial No. 16/12/1999 PCT/GB99/04277 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that within false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Tree 18 of the United States Code and that such willful false statements may jecoardize the validity of the application or any patern issued thereon, And I hereby oppoint NIKON & VANDERHYE P.C., 1100 North Glabe Rd., 8" Floor, Arlington, VA 22201-4714, telephone number (793) 916-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my atterneys to present this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting potent. Arour R. Crawlard, 25327; Larry S. Nixon, 25640; Robert A. Vandarhye, 27076; James T. Hosmer. 30184: Robert W. Farls, 31352: Richard G. Bedra, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251: Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byors, 33363; Jeffry H. Nelson, 30461; John R. Listova, 33149; H. Warren Burnam, Jr. 29365; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33488; Alan M. Kagen, 35178; William J. Griffin, 31260; Robert A. Molan, 29834; B. J. Sadoff, 36963; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shee, 34725; Donald L. Jackson, 41090; Michaele N. Lester, 32331. inventor's Signature: ٩. G8 COKER inventor. Timothy M (dittenship) (fret) MI (last) (State/COUNTY) GB Residence: (city) Maidstone Post Office Address: Hillield Conson Salts Lane, Loose Maidstone (Zip Code) ME15 CBD Jan 10th 2002 Inventor's Signature:) GB CROSSLAND William Inventor: (cfilzenship) (230) м (first) (state/country) GB Residence: (dly) Cambridge Unvisreity of Cambridge, Engineering Department, Trumplington Street, Cambridge Post Office Address: CB2 1PZ (Zip Code)

FOR ADDITIONAL INVENTORS, check box 🔯 and attach sheet with same information and signature and date for each.

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RULE 63 (37 C.F.R. 1.63) DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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the specification of which (cl	Fast Readout of multiple (heck applicable box(s)):	arginal bit plants	ior display of Greysi	cales Image	.5	
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was filed on		as U.S. Appl	ication Serial No.			
was filed as PCT Inter	national application No.	PCT/GB99/	71477 / -	40/40	4000	
and (if applicable to U.S. or F	PCT application) was amended on	25/01/20	<u> </u>	n 18/12	1999 /	
I nereby state that I have revi	iewed and understand the contents e. I acknowledge the duty to disclos	of the above Mc	Militari enavidenti :			
amendment referred to above	. I acknowledge the duty to disclos	e information w	high is water's the st	ncluding the	e cialms, as a	Imended by any
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hereby claim the benefit under	er 35 U.S.C. 120/365 of all prior Unit talms of this application is not disclo					
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Prior U.S./PCT Application(s)); , , , , , , , , , , , , , , , , , , ,	- ,				
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nereby declare that all statem	ents made herein of my own knowle statements were made with the know	doe are true an	d that all statements :			
e over and further that thase s	ection 1001 of Title 18 of the United	viedoe that willfu	il false statemente on	made on ini	omation and	belief are believed to
oplication or any estant in-	ection 1001 of Title 18 of the United I thereon. And I hereby appoint NIX	States Code an	d that such willful fall	e statemen	J made are p	Unishable by fine or
2201-4744 telephone	thereon. And I hereby appoint NIX or (703) 816-4000 (to whom all con	ON & VANDER	HYE P.C., 1100 North	th Glaba R	a Rib Floor	unce the Astrony of the
elica bac viteribivibui (2897bb	or (703) 816-4000 (to whom all contively my attorneys to prospecte this	munications a	re to be directed), a	nd the folio	MIRC Allomov	a thereof (of the see
onnected therewith and with the	tively my attorneys to prosecute this e resulting patent: Arthur R. Crawfi	application and	to transact all busine	ss in the P	alent and Tra	demark Office
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Inventor's Signature:	_ lusty	M	(~1)			
OO Inventor:	Timothy	M		Date	: <u>83 wi</u>	
Barth and	(first)	MI	COKER			GB /
Residence: (city)	Peterborough G-BX	7-11	(last) (state/country) Gi	-		(citizenship)
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Inventor's Signature:	William		Control	D-4-	51	15.11
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FOR ADDITIONAL INVENTORS, check box 🔯 and attach sheet with same information and signature and date for each.